The APPLE SOURCE

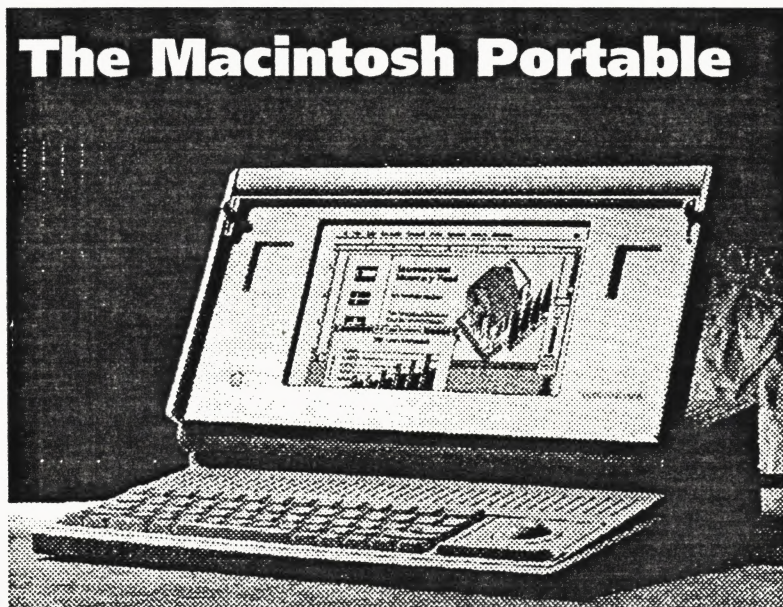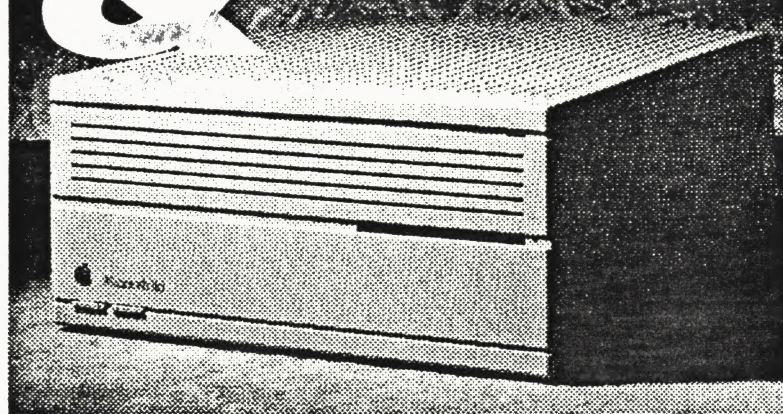## The Official Monthly Newsletter Of Basically A.P.P.L.E. ™

Apple Releases Two New Macintosh's:

The Macintosh Portable

& The Macintosh IIci

Apple has added porta-bility and even more power to its Macintosh product family by announcing the Macintosh Portable and the Macintosh IIci. The Macintosh Portable is a full-func-tion Macintosh in a portable

design. The Macintosh IIci is a high-performance version of Apple's popular Macintosh IIcx. Running at 25 MHz and offering new capabilities such as built-in video, the Macintosh IIci is the most

Microsoft WORD 4.0 and EXCEL 2.2

With the recent releases of both WORD 4.0 and EXCEL 2.2 Microsoft sure has been busy updating these two leading Macintosh products. Here we have presented a quick overview of the new features of each product. If you have any questions or would like to know more about these programs then be sure to attend the general meeting on October 12th as a representative of Microsoft will be there to demonstrate both programs. See you there.

WORD 4.0

The long awaited version 4.0 of Microsoft WORD has finally arrived, and has brought along with it a number of new features. Color for the Mac II folks has finally been included, as has DTP features such as word wrapping around graphics, the absolute positioning of text and graphics and true WYSIWYG. One great new addition is the Tables feature which lets you set up muti-column tables of text or graphics within your docu-

In this Issue...

Be sure to attend the general meeting on October 12th as a represen-tative of Microsoft will be there to demon-strate both programs.
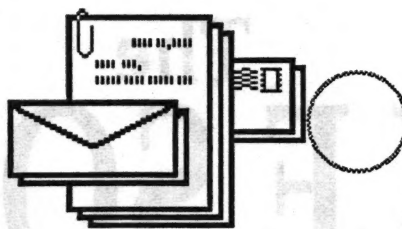
1

Club Officers

Joe Norcott
President
Jack Finnigan
VP, Membership
George Poli
VP, Program
Steve Rutter
Treasurer
Richard Young
Secretary
Allen Restivo
Librarian
Greg Shapiro
Newsletter Editor
Teri DiIorio
Art Director
Tom Behan
Director at Large
Bill Kimball
Director at Large

● ● ● ●

Local BBS Listings (401)

MacStation 739-6403
The RoundTable 823-8665
Fire Plug ....(508) 699-0206
MacComm 351-1525

● ● ● ●

This newsletter is created with Aldus Pagemaker™ Ver 3.02. Articles are written with Microsoft Word™ Ver 4.0. The artwork is done using Aldus FreeHand™ Ver 1.0 and SuperPaint™ Ver 1.0. A Macintosh Plus is used to put it together.

Mail's In!

This month we have some interesting pieces, please make an attempt to scan through this section when you receive the newsletter because a lot of the special offers expire very quickly and we'd hate to see anyone miss out on a savings!

I'd also like to mention that we always receive applications for magazine subscriptions, I don't usually put them in to this column, but if you are interested in any or would like to know what's available please ask a board member at the next meeting or leave a message on the Mac Station and we'll get that information to you ASAP.

P.C. Publishing -Magazine for desktop publishing on IBM & compatibles
Dynamic Graphic Catalog-on classes in desktop publishing and clip art
Word perfect newsletter
Macintosh Technical Notes June 1989
Comparison between Mac & IBM —Brochure(produced by Apple)
APDA Log-Catalog for Apple programmers and developers
Education Brochure from Apple
4TH Dimension -seminar Information
Terrapin Time —newletter for the Apple from LOGO
Wingz- Hyperscripting Video Seminar—A full at home seminar from Informix — includes Two Videos, a disk, and a complete 227 page manual — This kit was given to Greg Sharpiro for The club at Macworld Expo Boston - on behalf of the club I'd like to thank Informix for supporting Apple User Groups and Greg for getting it on the clubs behalf.

Mei-Micro center catalog— for disk and accessories
Applications for the National User Group Conference in Illinois, April 1990
A 5 1/4" disk for IBM'ers on compatibility with Mac
Guide from Apple(like a quick reference card) on what you can purchase for you Mac—very handy
BAUD- Big Apple Users Digest (NYC)
Info from the following products & companies—
The Graphic Exchange for Apple//
Bill-it software foe the Mac
Diskette Gazette-a great catalog and newsletter rolled into one -also carries a vast line of disk holders
SPECIAL OFFER ON IMAGE GRABBER DA $19.95 —A screen grabber
Computer learning Month Newsletter/Catalog —A must for any one in education
Info on Tutor tech

2

AMERICA ONLINE

(aka the new APPLELINK Personal Edition)

By Rick

As of September 15, 1989, AppleLink Personal Edition is now going by the name of "America Online". The reason for the change has to do with a change in marketing strategy between Apple Computer, Inc., and Apple is no longer involved in the day-to-day services, but will continue to provide exclusive online product services and marketing support.

Quantum announced that the Macintosh™ version of the software will be available by October 2, 1989. The MS-DOS™ users will join America Online sometime in early 1990.

How does this effect those of us already using the product. For one thing, we will be shipped new software in the very near future. The screens that we see will change slightly. Apple Services, and General Services will be combined. The same easy-to-use interface will still be there. The icons used by the Macintosh version received high praise by the editors of MacUser at AppleFest. The same Forum leaders will still be there. The same enthusiasm for the Apple II will be demonstrated by these same Forum leaders. The Mac team is just as enthusiastic about their side of the story.

The other changes involve a new pricing structure. Those that have signed on by Jan 31, 1990, will be considered to be "Charter Members". This gives them 'special' rates. There will be a monthly fee of $5.95 which will include one free hour. The rates for Non-Primed time (6pm to 6am weekdays) will be reduced to $5 per hour, regardless of Baud rate. The Prime Time rate is $10 per hour. "Charter Members" will be charged $4 per hour for non-prime time, and $8 per hour for Prime Time.

If you haven't signed on already, you better do it by the end of January. I have found this online service to be the easiest of all I have tried, in navigating my way around and through the system.

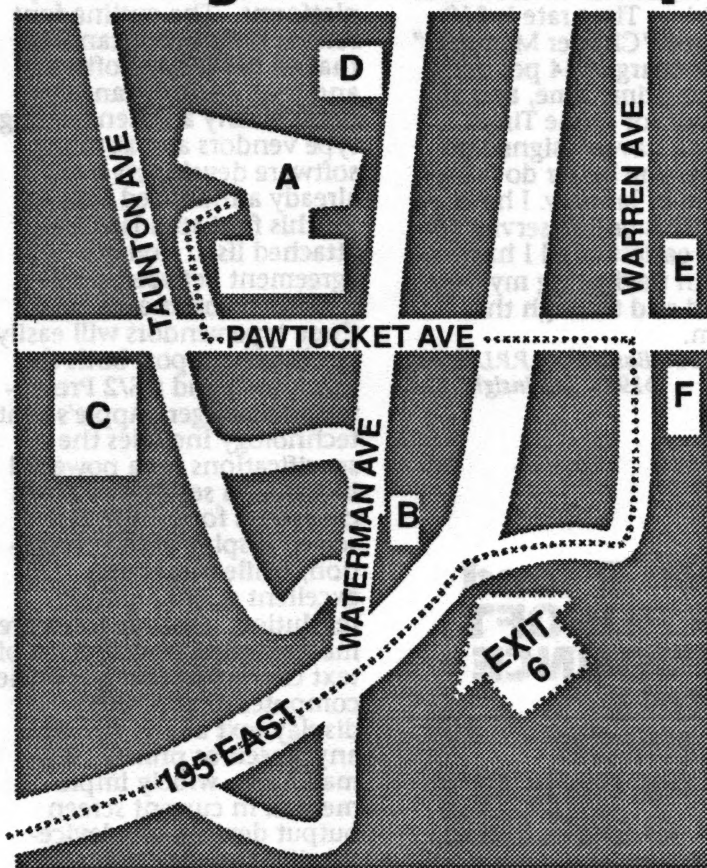# APPLE and MICROSOFT ANNOUNCE CROSS-LICENSE AGREEMENT for OUTLINE FONT TECHNOLOGY and PRINTER SOFTWARE

Apple Computer, Inc. and Microsoft Corporation have announced a cross-license agreement for outline font technology and printer software to be standard across the Apple Macintosh and Microsoft OS/2 Presentation Manager platforms. Microsoft will license Apple's outline font technology for inclusion in future versions of Microsoft OS/2 Presentation Manager. Apple will license printer software from Microsoft for implementation in future versions of the Apple LaserWriter printer. The Microsoft printer software incorporates the Apple font format. Apple's outline font technology was announced in May, 1989, to significantly improve the quality and flexibility of font support for the Macintosh. Now Microsoft will bring this same open font format to OS/2 Presentation Manager, allowing the easy exchange of rich text documents between these two desktop platforms. The outline font format is an open standard that all hardware, software and font vendors can support. Nearly a dozen leading type vendors and as many software developers have already announced support for this font standard (see attached list). Today's agreement between Apple and Microsoft means that these type vendors will easily be able to support both the Macintosh and OS/2 Presentation Manager. Apple's font technology includes the specifications for a powerful instruction set that controls characters for printing or screen display at low resolution, while preserving excellent quality at high resolution. Outline fonts are mathematical descriptions of text characters that allow the computer to accurately display text at any size on any screen or printer. Bitmap fonts, widely implemented in current screen output devices, are device-specific and consequently cannot be easily displayed on different devices without severe limitation on memory and flexibility. Advantages for Applications Software The outline font format will make it easier for applications to have high-quality output from either the Apple Macintosh or OS/2 Presentation Manager. Now, users will be able to purchase a single font library for both systems and be assured of the type quality previously available only on dedicated typesetting and publishing systems. A standard outline font format for screen output is one half of the equation for high-quality document production. The second half is the availability of standard printer software that incorporates the same font format as used for screen output. This printer software meets both these criteria. The printer software is based on source code from Bauer Enterprises of San Jose, California, acquired by Microsoft in July 1989. It is compatible with Adobe PostScript printer language and has enhancements for compatibility with OS/2

3

Meeting Schedule & Map

A East Prov. High
B E.P. Town Hall
C Wampanog Mall
D Prov. Country Day
E Douglas Drug
F Dunkin' Dounuts

General Meeting Schedule

All meetings are held at East Providence High School at 7:30pm on the dates below.

October 12th
Microsoft Corporation will present WORD 4.0 and EXCEL 2.2

November 9th
Education and Game software "Whats good to buy for Christmas".

December 14th
Appleworks 3.0 and Printers of all kinds!

Other Apple Groups in the Area

BCS:Mac — Thurs. October 19th — 7:00pm Topic: Virus's in the Macintosh world.
Please call: Mark Flieger (401)934-0116 (nights) or Susan Hay (401) 863-7302 (days) for directions as they are moving for Otober and we don't yet have the new meeting place.

Rhode Island Apple Group Tues. October 17th — 7:30pm
East Providence Country Day School on Waterman Ave. in East Providence
For more information call Jerry Heller (401)751-7155

DO YOU NEED HELP?

Please, call us. If we can't answer your question chances are very good that we know someone who can. Remember, the only silly question is the one that you fail to ask. When calling, we would expect that common courtesy should apply, watch dinner time (5:30-7:00 PM) and I would think after 11:00 PM would be pushing it (although for some of us life doesn't begin 'till then!)

Tom Behan	Education-Mac	401-885-4132
Teri Dilorio	Desktop Publishing-Mac	401-231-5437
John Gomes	Telecom-Apple // & Mac	401-433-2975
Steve Rutter	New Users-Apple // & Mac	401-399-8146
Bill Kimball	Business-Mac	518-773-2477
Joe Norcott	Business-Appleworks	508-222-3942
George Poli	Education-Apple //	508-336-6089
Alan Restivo	PD Software-Mac	401-351-4596
Steve Rutter	Technical-Apple // & Mac	508-399-8146
Jack Finnigan	Mac II	401-738-6726
Rick Taft	Pro DOS-Apple //	401-253-8528
Dick Young	Desktop Publishing-Apple //	401-826-2809

Many times an individual has multiple areas of expertise, so do not hesitate to contact any one of us and we will tackle even your toughest request. If you feel you have mastered a particular expertise on the Apple // or Macintosh and would not mind if people called upon you to share some of the knowledge you have gained then drop a line to our P.O. Box or call the Editor and we will be glad to add you name to our list!

The Librarian's desk

I am still trying to get use to the fact that the Fall season is here but we can look forward to having more time at our computers instead of doing all those outside activities that have to be done in the summer months.

I would like to announce another opportunity for all members of our Club to obtain good PD software. In addition to our regular 3 issues for the Mac, the Apple //, we are now offering 3 disks for the GS at each meeting. There will be a separate Librarian for the GS library since I do not have a GS. That is a good reason, RIGHT? He will soon have his own article in the Newsletter and I am sure he would like to introduce himself to the Club.

In addition to these regular issues, the Club has access to a CD-ROM of PD software. This CD-ROM has 500 Meg. of programs that are stuffed so that would be about 600 Meg. un-stuffed. I have a Word File that has the entire contents of the CD-ROM, on disk, so that each member can have a listing of all the programs. On the same disk, there is another Word file that explains how this new program will work. Just to give you a little insight, you will be able to pick the programs yourself from the Word file and give me a listing of what you would like from that listing along with a disk and $1.00. This can be given to me at a general meeting, a Board meeting, or a Forum meeting and that disk will be prepared for you and given back to you at the following General meeting. There is a certain procedure for choosing the programs so that I will not have to jump all over a 500 Meg disk to transfer the programs. I have personally looked through the CD-ROM and there are many fine programs. There are about 25 different categories to choose from on this disk so you will always have many programs available. I

hope you will all use this new service provided by your Club.

For the month of October, as usual, we have the regular issue's that can be copied at the meeting for FREE. Just bring your disks. The Apple // programs this month include a Word Processor, the listing of the International Software Library, and two disks with educational programs, one with general education programs and the other related the Physics.

For the Mac, we have text editors and other utility programs and two Hypercard stacks including a demo of a commercial program, a useable guide, an interesting program for you Trekies, and programs with Hypercard sounds and a word game.

The complete listing follows:

Apple //:
->>PD # 33...FreeWriter with Dox and the listing of the International Library of PD programs.
->>PD # 34...Physics disk including Circle 1 and 2, Kinematics, Momentum 1 and 2, Projectile, Shapes and Vectors.
->>PD # 35...Civil, Furs, Nomad, Voyager and Spell.

Macintosh
->>PD # 20...Text Diff, B editor, Fast Eddie, Lister D Medit D, MicroEMACS, PrettyPrint, Printer, Quick Print, Text Printer and YAPU
->>H 18.........The Guide, Business Class Demo and TrekStak
->>H 19.........Hyper-quackey, Sfx Stack 5, Sfx Stack 4, Sound studio stack and Sound studio 3.0
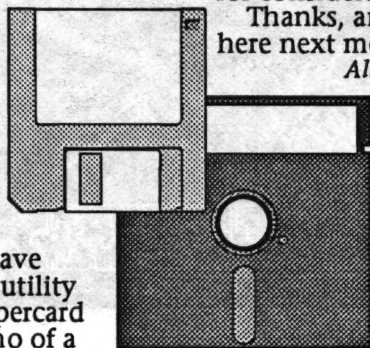
I hope to see you at the general meeting and please use your PD library. It is there for your use and for FREE. There aren't too many things you can get these days for that price so take advantage of it.

One last thing, I am always looking for new PD software to add to our Library, especially Apple // programs, so if you have

some that you would like to donate, just bring them on a disk and I will give you a disk in its place. If anyone has any ideas that you would like to see tried at our Club regarding PD software, kindly make these idea known to me and they will be presented to the Board for consideration.
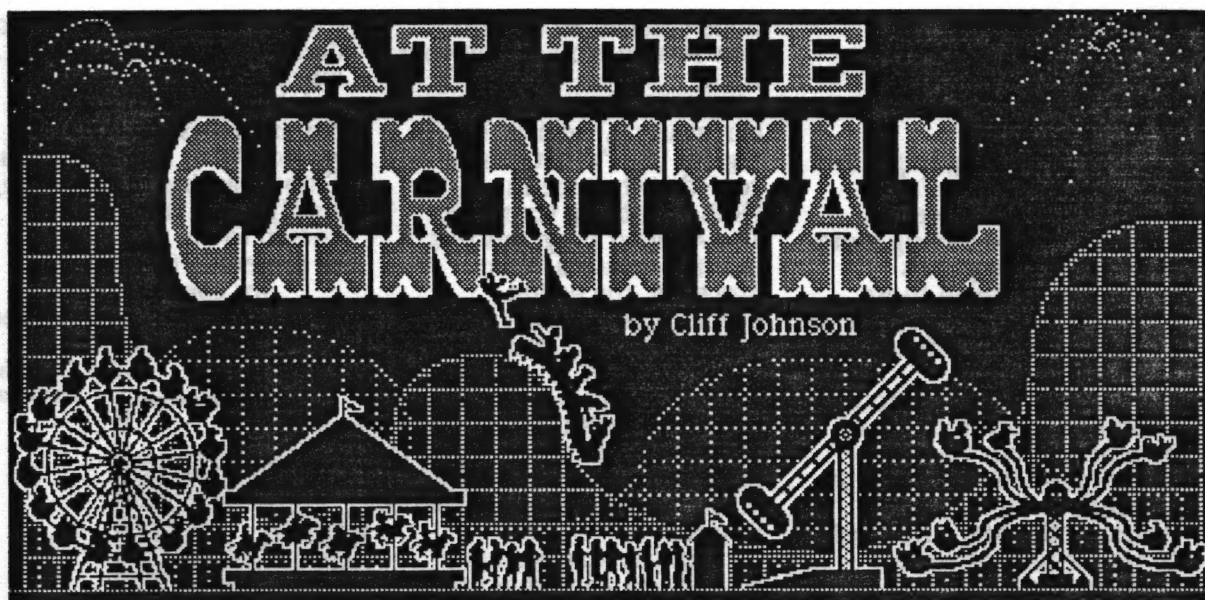
Thanks, and see you here next month.

Allen J. Restivo
Librarian

Treasurer's Report October '89

With the Summer over it's time to get back into the computing swing again, if your looking to upgrade your Apple or buy another please ask around at the meetings before you buy. You might save a few dollars and who knows maybe even avoid a costly mistake! Also, if your interested in setting up a SIG (special interest group) on any topic (ie: Appleworks, Desktop Publishing, etc.) please contact me or one of the board members. As far as the club goes financially we're still in fine shape, but we still need new members and the old one's to renew. So please spread the word about Basically A.P.P.L.E. As a reminder, the clubs board meetings are held the first Monday of the Month, September 7:30pm at "The Country INN" on Route 136 in Warren RI across the street from Pearson Yachts. If you need directions or would like to come early for dinner please call me at (508) 399-8146. Please make an effort to attend we need you input! As always if you'd like a copy of the club's budget or any information about the club's finances, please give me a call or ask me at the general meeting or Open Forum.

Steve Rutter
Treasurer

AT THE CARNIVAL

by Cliff Johnson

A Basically A.P.P.L.E. review of:
THE PUZZLE GALLERY (At The Carnival)

If your one of those lucky folks that has played the game "The Fool's Errand" then all I have to say is that this game is more of the same. If on the other hand your one of those jaded "I never play games on my Macintosh" pompous types then it serves you right not to know what your missing. Finally if you find yourself in between these two groups let me ask you to try out this game, just once. Twisting a popular potato chip commercial let me warn you that "you can't just solve one" of the 180 puzzle's in this game, you'll find yourself hopelessly hooked on finishing them all!

This game comes on two disks, the first is called The Puzzle Gallery and can be thought of as the game machine or player. The second disk is called "At the Carnival" and is a game data-puzzle disk. Why I go into such detail about this is that Electronic Arts will release future game data disks that will need The Puzzle Gallery. These future game disks will cost less (so I have been told) but you'll need to have bought The Puzzle Gallery/At the Carnival to play these future games. As I have stated before, the game requires you to complete 180 puzzle to finish the game allowing you to see the closing sequence. The puzzles themselves range from childishly simple to maddeningly frustrating, everyone should however have no trouble finishing the game. You just have to remember that some puzzles take more time than others so don't get frustrated if you can't solve a particular puzzle as quickly as you might like. The Puzzle Gallery is a completely mouse driven game so you won't have to type in anything to solve any of the puzzles. There are word as well as visual puzzles, but no description of them would do them justice, even looking at the pictures on the back of the box can't convey the nature of the game. You've really got to play this game, even long time game haters I know loved this game.

The overall theme of the game is a day at an amusement park, all puzzles take one part of the park (roller coaster, ferris wheel, parking lot, hot-dog stand etc.) as the basis for that particular puzzle. In addition vivid graphics (in Color on the Mac II's) as well as lot's of sounds add immensely to the flavor of a day at the amusement park.

At MacWorld I was told by an Electronic Arts representative that the next Puzzle disk should be out in October for the Christmas season, I was also told that Electronic Arts will release a new puzzle disk every quarter as long as demand requires. However when I asked Cliff Johnson via E-Mail on Compuserve about this, he said that he would not be the author of the new puzzle disks and that he doubted if Electonic Arts would have the new puzzle disks out any time soon. He also mentioned that his next game (3 in 1) will be a "Fool's Errand" type of game due out next May from another publisher.

If you do get stuck on a particular puzzle please ask us at the club's general meeting or at the Open Forum several members have finished the game. Sorry to say the Puzzle Gallery is available only for the Macintosh and seeing how Cliff Johnson's other game "The Fool's Errand" was never released for another computer I would guess that there will be no Apple // version of the game. In closing, all I can say is that you will find few other game's crafted with the attention to detail that Cliff Johnson has done here. If I haven't sold you yet, well, all I can say is that you don't know what your missing.

MACRO-MATE™

By Rick

MacroMate is a program that is published by Roger Wagner Publishing Company, Inc., 1050 Pioneer Way, Suite "P", El Cajon, CA 92020. It is a Keyboard Macro System for the Apple IIgs™. The program was written by Eric Goez. The program is a Classic Desk Accessory for the IIgs. When properly installed in the Desk Accessory folder of your System disk, MacroMate will be automatically loaded the computer when the disk is in the process of booting.

Once loaded, the program will remain in the background of any DOS 3.3, Pascal, ProDOS 8, or ProDOS 16, or GS/OS program. The program waits for the proper sequence of keystrokes before springing into action.

While using BASIC.SYSTEM, the program can be used to display the catalog for the disk by setting the proper keystrokes in advance. It can be used to enable multiple operations while using your favorite word processor. It comes with three sets of MACROS already written for you. One works with AppleWorks in the word processor application. Another set of MACROS works from within the BASIC environment. The third set is a set that works in any application.

You are encouraged to write your own set of macros. I have used this program exclusively while online with AppleLink Personal Edition. While teaching a course online, I have typed in my lesson in advance. During the class time, I am able to send the macros one by one. This allows me to keep the class moving. The students do not have to wait for me to type in what I want to say.

Teachers will find this program an invaluable edition to their class presentations. Imagine having everything typed up in advance. This will allow you, the teacher, to keep an eye on the students without having to constantly watch the keyboard.

I have not found any size limit to your macros. I try to keep the macros to eight lines. This keeps everything on the screen. If your macros are too long, everything could just scroll right off the screen.

The only drawback to the program, is really not MacroMate's fault. The GS/OS System disk is so full that there is not very much room for the MacroMate program and the macros. You have to remove some files from the System Disk.

The program comes with the MacroMate disk, and a manual, including a quick reference card. There is also a brief overview of ProDOS 8, and ProDOS 16 disks. This program should be included in everyone's library. It will be the best money you ever spent for your computer!

NEW SEC-TION

Basically AP.P.L.E.S QUESTIONS AND ANSWERS!

Question:
How did Apple get it's name?

Answer:
The name Apple Computer was chosen late one afternoon as Steve Jobs and Steve Wosniak, Apple's founders, faced the deadline for filing a Fictitious Name Statement. Jobs looked at the apple he was eating and decided that, unless they arrived with a better name by the deadline, they would call the company Apple. The deadline cameand went; Apple was the new company name.

Question:
How do you run a file from BASIC?

Answer:
First boot disk and wait for the Basic prompt. Then type CATALOG. A list of the files on the disk will appear. If there's an A in front of the file it is an Applesoft file and you should type RUN File (File being the name of that particular file). If athere's a B in front of the file it is a Binary File and you should type BRUN File.

Question:
Why can't I DELETE a Directory?

Answer:
To DELETE a Directory you must first delete the files in the directory and then you will be able to delete the directory.

1. Can I format disks while I am using Apple Works GS?

You must format enough blank disks before using Apple Works GS. You cannot format disks once you've started Apple Works GS.

2. Can Apple Works read Apple Works GS files?

Apple Works cannot read Apple Works GS files directly. You can, however, save certain files as ASCII text files and then read those text files with Apple Works.

If you have any questions please send them via the club's P.O. Box or as always ask at one of the meetings.

7
Apple IIw

ment. You can link data to other Microsoft programs such as Excel and Mail or SuperPaint v1.1 (which is included with your purchase of WORD 4.0 as is AutoMac III and WordFinder). They've also improved the table of contents indexing, as well as the outliner, and added background repagination. Microsoft has even improved the ruler with a style selection box and a variable scale display. Finally, you can fully customize all the menus to any way you like.

EXCEL 2.2

Version 2.2 is not a simple upgrade of Excel but rather a completely rewritten program that has updated this popular spreadsheet and added a number of new features to it. First off you can now have 256 fonts on each worksheet instead of the 1 you were limited to before, a very welcome and need feature. Notes can now be attached to cells, and search and replace commands for finding text, values, or formulas have been added. Excel 2.2 features the Microsoft RTF or Rich Text Formatting file system which allows it to easily transfer data to other Microsoft programs. Most importantly, the 1-megabye

limit of previous versions of Excel has been removed, making Excel much more MultiFinder friendly. In addition a number of new macro commands have been added. You'll also notice a new status at the bottom left hand side of the screen to inform you of what functions you have selected. Excel 2.2 now features what Microsoft calls QuickSwitch, what this means is that if you paste an Excel chart or cells into Microsoft WORD 4.0 and then go back and change the data in Excel the chart in WORD 4.0 automatically changes to reflect the changed data. Finally, make sure the copy of Excel 2.2 you have has a creation date of May 19 1989 or later, early versions dated May 5 1989 had a bug that was fixed with the May 19th version. Registered owners can get a free upgrade to the May 19th version by calling Microsoft at (206) 454-2030.

Microsoft WORD 4.0 and EXCEL 2.2 have a suggested retail price of $395.00 each.
Microsoft is a Trademark™ of Microsoft Corporation 16011 N.E. 36th Way Redmond WA 98073

powerful Macintosh that Apple has ever developed.

Macintosh Portable
The Portable incorporates all traditional Macintosh benefits into a system that customers can take with them. Notably, the Portable features advanced screen technology, sophisticated power management, all-in-one design, and complete Macintosh compatibility. The Portable uses state-of-the-art Active Matrix Liquid Crystal Display technology to achieve the superior graphic capabilities of the Macintosh. This technology enables the Portable to depict the Macintosh graphical user interface, as well as sophisticated graphics, text, and animation with a fast response time, high contrast, and wide viewing angle. The Portable's display size is 640-by-400 pixels, which is 50 percent larger than a Macintosh SE screen and as wide as a letter-size page.

The system also features a video output port. This port can be used with an adapter to drive external monitors, projection video systems or overhead viewplates. Macintosh portability is achieved through sophisticated

power management circuitry and an all-in-one design. The system's power management components include:

- Motorola CMOS 68000 at 16 MHz providing roughly twice the performance of the Macintosh SE.

- Low-power-consumption RAM: The Macintosh Portable contains 1MB of static RAM.

- Lead acid batteries: The Portable uses lead acid batteries, which last from 6 to 12 hours (depending on usage and configuration) and can be recharged to full capacity at any time.

- Separate power management microprocessor: This dedicated microprocessor monitors the activity of each component of the Portable. The Power Manager optimizes power allocation and automatically puts the system into a standby "rest" mode or into a "sleep" mode if the system has been inactive for a preset period as specified by the user.

- Integrated pointing devices: The Portable comes with an integrated trackball that can also be replaced by a (optional) numeric keypad. The Portable can also be used with a low-power mouse that is included with the system.

- System expansion: The Portable has expansion connectors for additional RAM and ROM. It also has a connector for an internal modem. The Portable's Processor Direct Slot (PDS) is a high-performance slot connected to the microprocessor bus that will support an expansion card.

- Optional 40MB hard disk: This special low-power internal hard disk is factory-installed with System 6.0.4 and HyperCard 1.2.5, further simplifying setup for the user.

- SuperDrive: The Portable includes the 1.4MB SuperDrive, which reads, writes, and formats Macintosh, OS/2, MS-DOS, and ProDOS disks.

- Standard Macintosh ports: Seven external ports accommodate peripherals such as hard disks, printers and input devices.

- Apple Stereo Sound capability: The Portable

features the same high-quality digital sound capabilities as found in the Macintosh modular line and in the SE/30.

The Macintosh Portable comes standard with 1MB of RAM and SuperDrive and weighs 15.7 pounds with the battery and optional 40MB hard disk. Without the hard disk, the Portable weighs 13.7 pounds.

Macintosh IIci

The new Macintosh IIci is the highest performance personal computer that Apple has ever shipped. It delivers up to a 55 percent performance increase, when compared to the Macintosh IIcx and IIx. Additionally, it offers new capabilities—such as built-in video—and incorporates the same flexible design and hardware features as the popular Macintosh IIcx. The Macintosh IIci computer's higher performance derives from a balanced system design, which features a faster microprocessor and performance enhancements that optimize the microprocessor's capabilities. Additionally, the system features a connector for a cache card, which can further boost the overall throughput of the system.

- Faster clock speed: Motorola 25 MHz 68030 and 68882. The combination of the 68030 microprocessor and the 68882 floating-point coprocessor running at 25 MHz represents the most significant new feature of the Macintosh IIci. (The Macintosh IIcx and IIx run at 16 MHz.)

- Burst-mode RAM access: The burst-mode RAM access capability of the 68030 allows the microprocessor to read blocks of memory more efficiently than in previous architectures.

- Faster DRAM: The system uses 80 nanosecond DRAM to match the increase in the microprocessor's clock speed and burst-mode RAM access.

- RAM cache connector: The system's built-in cache connector provides users with the ability to install a cache card that can increase

performance by storing the most-recently accessed data and instructions in a small bank of high-speed memory. The microprocessor can read data and instructions from the cache in fewer clock cycles than it can read from main memory. A cache card can improve the performance of a system by up to an additional 30 percent (for a 75 percent overall increase) in performance, depending on the configuration and usage. Apple plans to announce a RAM cache card in early 1990.

- Built-in video The Macintosh IIci computer's built-in video capability lets users connect a monitor to the system without using a video card. The built-in video drives a 640-by-480-pixel screen, such as the AppleColor High-Resolution RGB Monitor or Apple High-Resolution Monochrome Monitor, at up to 256 colors or gray levels, or a 640-by-870-pixel screen, such as Apple's Portrait Display, at up to 16 gray levels. Built-in video for the Macintosh IIci is self-configuring. Users simply plug in a video cable to the video port.

- Additional features - 512K of ROM: The Macintosh IIci features 512K of ROM, which provides support for the new hardware features (built-in video, burst-mode RAM access, optional cache) in the Macintosh IIci, and for 32-bit addressing. When used with System 7, Apple's next major release of Macintosh system software, the Macintosh IIci will be able to address up to 4 gigabytes (4 billion bytes) of memory.

The ROM also includes support for 32-Bit Quick-Draw.

Each Macintosh IIci includes a mouse, System Software 6.0.4, HyperCard 1.2.5, SuperDrive, and all documentation. Macintosh IIcx customers can upgrade their systems with a Macintosh IIci Logic Board Upgrade Kit that consists of the logic board, as well as a bottom case to accommodate the video connector. The Logic Board Upgrade Kit is scheduled for release later this year.

Suggested retail prices for the Macintosh Portable and IIci:

Macintosh Portable w/1MB RAM/Super-Drive $5,799
Macintosh Portable w/1MB RAM/40MB Hard Disk/Super-Drive $6,499
Macintosh IIci w/ 1MB RAM/Super-Drive $6,269
Macintosh IIci w/ 1MB RAM/40MB Hard Disk $6,969
Macintosh IIci w/ 4MB RAM/80MB Hard Disk $8,669

Apple, Macintosh and HyperCard are registered trademarks™ of Apple Computer, Inc.

NuBus is a trademark™ of Texas Instruments.

Presentation Manager and Macintosh. The new printer software provides a high-level description of a page to a printer. It accepts input from the host system and translates it into a series of commands describing which pixels of the page to mark with ink. With its support for the outline font format , the new printer software enables creation of sharp text of any size or font type on any printer that uses this software. As a result, what the user sees on the screen is what prints on the page. Microsoft will sublicense the printer software to third-party OEMs. The Bauer Enterprises printer software was previously licensed to many leading printer vendors, so Microsoft anticipates that the new software will quickly gain acceptance in the printer market.

Availability——The outline font technology announced today will be incorporated into future versions of OS/2 Presentation Manager and Apple Macintosh. Pricing and availability will be announced at a later date.

Microsoft, MS and the Microsoft logo are registered trademarks™of Microsoft Corporation.

Apple, Macintosh and LaserWriter are registered trademarks™ of Apple Computer, Inc.

PostScript is a registered trademark™ of Adobe Systems, Inc.

For more information contact:

APPLE COMPUTER, INC. Patty Tulloch or Brooke Cohan (408) 974-5449 (408) 974-3019

MICROSOFT CORPORATION Kathryn Hinsch/Marty Taucher 206/882-8080

THE WAGGENER GROUP Claire Lematta/Pam Edstrom 503/245-0905

APPLEFEST™
San Francisco ROUNDUP!!

By Rick

AppleFest, once exclusively an Apple II™ event, opened up on September 22nd with part of its show taken away from it. On September 20th, Apple announced two new versions of its Macintosh™ computer. Though Apple had the new Macintosh's at AppleFest, they announced the machine elsewhere (at Universal Studios). This left AppleFest San Francisco with no new Apple products to announce. What did it show, you may wonder? For one thing, it showed a renewed commitment to the Apple II by developers and users. Though the show was packed all three days with eager Apple // users there weren't enough exhibitors there to fill the hall. However the spirit of the Apple II seems to have been dug up from the grave. If the show did nothing else, it showed Apple that Apple II users are loyal to that product, and will continue to do so.

The show really opened up with a 'bang'. Jean-Louis Gassee gave the opening keynote speech, in which he talked about the "new" IIgs. He further renewed Apple's commitment to the Apple II. He made the mistake of allowing a Question/Answer session after his speech. This is where the fireworks started. William Mensch, of Western Design Center (the designers of the 65816 chip used by the IIgs), asked Mr. Gassee why Apple was not placing orders for his new chips that would greatly improve the speed of the IIgs. A heated exchange followed that really put a damper on the festivities. I'm sure we will hear more on that one!

Here's a brief rundown of what was introduced at this AppleFest. Milliken Publishing Co. is finally shipping its newest version of MEDLEY. (A review of this product will be in a future issue.) HyperStudio, from Roger Wagner Publishing Co., was expecting to have

its final version of that product ready for AppleFest. Alas, a last minute "bug" cropped into the product the week of AppleFest. Roger promised to have the bug fixed, and the product shipping by the time you are reading this article. Let's hope so!

GraphicWriter, from Seven Hills Software, was on display for everyone. Its latest version (version III) was expected to be ready for AppleFest. They are hoping for sometime next month before it will be ready for final shipping.

Rumors were flying about a revision to GS/OS ™ System Disk 5.0. It seems there are a couple of bugs in that version. Among the fixes, are the expected patch to BASIC.SYSTEM v1.3. Why the rumors, Apple will not comment on future products.

Another rumor, that should be confirmed by this reading, is a "major" revision to COPY II PLUS. It seems that this utility program will not properly duplicate disks that use GS/OS System 5.0 because of the new RE-SOURCE FILES. Central Point Software is hoping to have it ready for the Christmas season.

First Class Peripherals, and Applied Ingenuity made the most noise at AppleFest with new products. FCP announced several new products, including two zero SCSI drives, their own SCSI card, and a 4 Meg memory expansion card for the IIgs. They also announced the return of their line of tape backup units. The new unit, TF6 is a TEAC based 60 MB backup, is fully SCSI compatible. The new SCSI card, fully DMA compatible, will interface with anything that follows SCSI protocol. They are running a Holiday special, until 1000 are gone, of the MultiOS Sider D2 20-MB drives, for only $399.

Applied Ingenuity introduced a new internal hard drive for the IIc, a multi-function card for the IIc, a small external hard drive, and a VCR hard drive backup. The CDrive comes in either 20 or 40 meg configurations. They include instructions for installation, or you

can send your IIc to them for installation. You give up the internal drive that comes with the computer. The CKeeper, mem expansion card, includes, memory expansion from 256k up to 1.25 MB, clock/calendar, RAMsaver, program trace/debugger, and screen dump utility. The RAMsaver is a low-powered battery operated ramsaver that will maintain RAM for up to 2 hours. It recharges as the computer is used. The VCR hard disk backup is something that AI has promised for some time. It is due to be shipping by November.

Applied Engineering did not announce anything new for this show. They did however, start shipping Audio Animator. The Vulcan hard drives are really selling well!

Bits and Pieces Technology, the makers of the Rocket Chip for the IIgs, were not at AppleFest. They did, however, deliver some of their 10MHZ Rocket Chips to Quality Computers for the show. Joe Gleason, of Quality Computers, reported a high degree of interest in that chip during the show.

Zip Chip did not have the IIgs accelerator ready for the show. They hope to have it ready for November. The 8 MHZ chip, for the IIe/IIe, will be shipping in October.

America Online, formerly AppleLink Personal Edition, was showing its new software. The Mac version was being demonstrated. It was well received, especially by some of the Mac users at the show. The people from MacUser magazine really liked the icons. They suggested that they be submitted in the magazine's next icon contest. Look for your new software to be arriving in the mail shortly!

Apple did introduce one new product for the Apple IIgs. It is a developer tool that will allow the developers to incorporate videotape controls through the software. Bernard Gifford, Ph.D., Apple's vice president of Education, demonstrated a desk accessory that used the toolkit, called VidClip IIGS Developer's Toolkit. Apple felt that teachers need a

software program that incorporates toolkit functions to create, and present lessons that incorporate video. Video segments can be easily indexed and rearranged with the computer. A software program using this toolkit could allow presentations to be quickly tailored to the needs of a particular user. The toolkit will be available through APDA later this Fall.

All in all, the spirit of the Apple II seems to be very strong among Apple II users. With the help of groups like Apple Developers Association, this spirit will only get stronger. Next AppleFest is scheduled for May, 1990, in Boston. Basically A.P.P.L.E. will be there, come and join us!

Last months Newsletter contained an article about the preliminary discussions that both Basically A.P.P.L.E and the Rhode Island Apple Group were jointly undertaking. Unfortunately a number of misunderstandings arose from this article. Let us state for the record that both groups entered equally into thease merger talks with the hopes of providing future benefits for the membership of both groups. If we have in any way offended any members of the Rhode Island Apple Group then that was not our intention.

Officers
Basically A.P.P.L.E. Inc.

Membership Application for:

Basically A.P.P.L.E. (Apple computer People Pursuing Learning, sharing, and teaching Everywhere)

Please complete this application form and return it to us along with a check for $30.00
(This includes a one time initiation fee of $12.00. The annual dues are $18.00 per year). Mail to:
Basically A.P.P.L.E., P.O Box 10367, Cranston, RI 02910
We will contact you after receipt and acceptance of your application for membership.

Name: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

Telephone: Business: (___)____-_____ **Home:** (___)____-_____
• •
Please complete the User Survey Below

What type of computer do you own/use/plan to buy? (list quantity)

_____Apple //gs	_____Apple ///	_____Mac SE	_____Mac 512
_____Apple //e	_____Laser	_____Mac SE/30	_____Mac 128
_____Apple //c	_____Mac II	_____Mac Plus	_____Lisa/XL
_____Apple][/][+	_____Mac IIx/IIcx	_____Mac 512KE	_____Other

What do you use your computer for? (check all that apply)

_____Business at Work	_____Education	_____Entertainment/Games
_____Business at Home	_____Programming	_____Telecommunications
_____Personal Productivity	_____Creative Outlets	_____Desktop Publishing

Please state your level of computer expertise:
_____Beginner   _____Elementary User   _____Intermediate   _____Expert

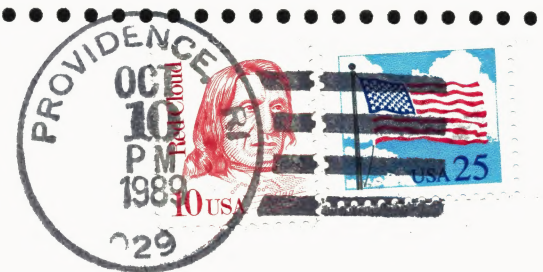**What subject(s) would you like to see addressed at our monthly meetings?**
_____

How did you hear of our group ?
_____

• •

Basically A.P.P.L.E. Inc.
P.O. Box 10367
Cranston, RI 02910

🍎
U S E R   G R O U P
C·O·N·N·E·C·T·I·O·N

To:

#700

Exp. Date:
Garland Buckingham
c/o Roger Wagner Publishing Company
1050 Pioneer Way, Suite P
El Cajon, CA 92020